

25 2003

Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number 01/328,768
		Filing Date April 9, 2001
		First Named Inventor Richard A. Hopkins
		Group Art Unit 3128
		Examiner Not Yet Assigned
		Attorney Docket Number 21486-027

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U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
SB	AA	4,707,998	09/24/87	Linner et al.	62	349	
	AB	4,745,771	05/23/88	Linner et al.	62	264	
	AC	4,807,442	02/28/89	Linner et al.	62	55.5	
	AD	4,865,871	09/12/89	Livesay et al.	427	4	
	AE	4,963,489	10/16/90	Naughton et al.	435	240.1	
	AF	4,964,280	10/23/90	Piunno et al.	62	78	
	AG	5,044,165	09/03/91	Linner et al.	62	55.5	
SB	AH	5,154,007	10/13/92	Piunno et al.	34	5	

FOREIGN PATENT DOCUMENTS						
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	
SB	BA	PCT WO 96/03093	Vesely et al.	02/08/91		
SB	BB	PCT WO 96/08213	Naughton et al.	03/21/91		

OTHER NON-PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
SB	CA	GENBANK Accession No. M27968 or J04513
	CB	GENBANK Accession No. AF092127, AF092125, or M32977
	CC	GENBANK Accession No. M26179
	CD	GENBANK Accession No. L24121 or U31518
	CE	GENBANK Accession No. J04431
	CF	GENBANK Accession No. U06669
	CG	GENBANK Accession No. M33216
	CH	GENBANK Accession No. M20642
SB	CI	GENBANK Accession No. X68969

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, U.S.N. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature	<i>James S. Pano</i>	Date Considered	June 7, 2003
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EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

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Modified Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09 828,768
Filing Date	April 9, 2001
First Named Inventor	Richard A. Hopkins
Group Art Unit	37:8
Examiner	Not Yet Assigned
Attorney Docket Number	21-86-027

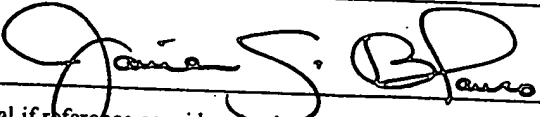
U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
EB	AI	5,266,480	11/30/93	Naughton et al.	435	240.243	
	AJ	5,275,954	01/04/94	Wolfenbarger et al.	436	74	
	AK	5,336,616	08/09/94	Livesey et al.	435	240.2	
	AL	5,364,756	11/15/94	Livesey et al.	435	2	
	AM	5,460,939	10/24/95	Hansbrough et al.	435	1.1	
	AN	5,531,791	07/02/96	Wolfenbarger	623	16	
	AO	5,556,379	09/17/96	Wolfenbarger	604	49	
	AP	5,622,867	04/22/97	Livesey et al.	436	18	
	AQ	5,714,582	02/03/98	Wolfenbarger	530	356	
EB	AR	5,770,193	06/23/98	Vacanti et al.	424	93.7	

OTHER NON-PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
EB	CJ	Gimbrone, M.A., 1976, Culture of vascular endothelium, Chapter 1 in Spaet, T. (ed.) Progress in hemostasis and thrombosis. Vol. III. Grune and Stratton, Inc., pp. 1-28
	CK	Grinnell et al., "Collagen Processing, Crosslinking, and Fibril Bundle Assembly in Matrix Produced by Fibroblasts in Long-Term Cultures Supplemented with Ascorbic Acid," 1989, Exp. Cell Res. 181:183-191
	CL	Harris et al., "Silicone Rubber Substrata: A New Wrinkle in the Study of Cell Locomotion," 1983, Science 208:177
	CM	Hilbert et al., "Allograft heart valves: the role of apoptosis mediated cell loss," Journal of Thoracic and Cardiovascular Surgery, 117 (3): 454-462, 1999.
	CN	Khouw et al., "TGF- β and bFGF affect the differentiation of proliferating porcine fibroblasts in to myofibroblasts in vitro," 1999, Biomaterials 20:1815-1822
	CO	Messier et al., "Dual structural and functional phenotypes of porcine aortic valve interstitial population: characteristics of the leaflet myofibroblast," Journal of Surgical Research, 57:1-21, 1994.
	CP	Messier et al., Interstitial Cellular and Matrix Restoration of Cardiac Valves After Cryopreservation," 1999, J. Thoracic and Cardiovasc. Surg. 118:36-41
EB	CQ	Omstead et al., "Voluntary Guidance for the Development of Tissue-Engineered Products," Tissue Engineering, 4(3):239-266, 1998.

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Examiner Signature		Date Considered	June 7 th , 2003
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STATEMENT BY APPLICANT**

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Application Number	01/328,768
Filing Date	April 9, 2001
First Named Inventor	Richard A. Hopkins
Group Art Unit	3138
Examiner	Not Yet Assigned
Attorney Docket Number	21486-027

U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
SB	AS	5,770,417	06/23/98	Vacanti et al.	435	180	
	AT	5,780,295	07/14/98	Livesey et al.	435	307	
	AU	5,797,871	08/25/98	Wolfenbarger	604	49	
	AV	5,820,581	10/13/98	Wolfenbarger	604	49	
	AW	5,842,182	09/24/98	Bonner et al.	705	32	
	AX	5,843,182	12/01/98	Goldstein	623	2	
	AY	5,855,610	01/05/99	Vacanti et al.	623	11	
	AZ	5,879,876	03/09/99	Wolfenbarger et al.	435	1.2	
	AAA	5,899,937	05/04/99	Goldstein et al.	623	2	
	AAB	5,919,614	07/06/99	Livesey et al.	435	2	
	AAC	5,963,489	10/05/99	Kirihata et al.	365	200	
SB	AAD	5,976,104	11/02/99	Wolfenbarger	604	49	

OTHER NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
SB	CR	Reynaud et al., "Comparative Functional Study of the Lysyl Oxidase Promoter in Fibroblasts, Ra ⁻ -Transformed Fibroblasts, Myofibroblasts and Smooth Muscle Cells," 1999, Cellular and Molecular Biol. 45:1237-1247
SB	CS	Tajima et al., "Regulation of Collagen Synthesis by Ascorbic Acid. Ascorbic Acid Increases Type I Procollagen mRNA," 1982, Biochem. Biophys. Res. Commun. 106:632-7

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Examiner Signature	<i>Janice S. Blane</i>	Date Considered	June 7 th , 2003
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Attorney Docket Number	21-86-027

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88	AAE	5,977,034	11/2/99	Wolfmberger	510	109	
	AAF	5,977,432	11/2/99	Wolfmberger	623	16	
	AAG	5,984,959	11/16/99	Robertson et al.	623	2	
	AAH	6,024,735	02/15/01	Wolfmberger	604	500	
	AAI	6,189,537	02/20/01	Wolfmberger	128	898	
	AAJ	6,194,136	02/27/01	Livesey et al.	453	1.3	
	AAK	6,200,347	03/13/01	Anderson et al.	623	16.11	
88	AAL	6,221,669	04/24/01	Livesey et al.	436	18	

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